

Amendment and Response  
Applicant: Bures, et al.  
Serial No.: 10/604,503  
Page 6 of 7

### **REMARKS**

#### **Pending Claims:**

Claims 1 and 28 are currently pending in the present application. Claim 1 is amended by the present Amendment to place the application in condition for allowance. Claim 6 is herein cancelled. Claims 8-11, 16-20, and 22-27 are withdrawn from consideration.

#### **Allowable Claims:**

The Examiner has indicated that dependent claim 6 is allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 1 has been amended to include the limitations of claim 6. Claim 6 has been cancelled. Claim 1 now recites the step of measuring a delay time of a surface acoustic wave propagating between a first and a second SAW transducer on an acousto-optic device at a plurality of locations on the acousto-optic device to determine an average surface temperature. Claim 6 has also been amended to recite that the control signal is generated in response to the average surface temperature. The Applicants submit that amended claim 1 is now allowable over the prior art of record.

The Applicants acknowledge with appreciate that the Examiner has allowed 28.

#### **Withdrawn Claims**

The Examiner has withdrawn claims 8-11, 16-20, and 22-27 from consideration in the Office Action dated January 11, 2005 by a Restriction by Original Presentation because the Examiner believes that these claims are directed to a non-elected invention. The Office Action states that these claims are no longer directed to temperature measurement/compensation.

### **CONCLUSION**

Claims 1 and 28 are currently pending in the present application. Claim 1 is amended in the present application to include the limitations of claim 6, which the Examiner has indicated is

Amendment and Response  
Applicant: Bures, et al.  
Serial No.: 10/604,503  
Page 7 of 7

allowable. Claim 6 is cancelled. Claims 8-11, 16-20, and 22-27 are withdrawn from consideration.

The Commissioner is hereby authorized to charge any proper fees to Attorney's charge card. A Form PTO-2038 is included with this Amendment and Response.

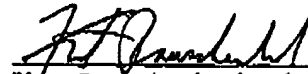
If, in the Examiner's opinion, a telephonic interview would expedite prosecution of the present application, the undersigned attorney would welcome the opportunity to discuss any outstanding issues, and to work with the Examiner toward placing the application in condition for allowance.

Date: June 9, 2005  
Reg. No. 40,137

Tel. No.: (781) 271-1503  
Fax No.: (781) 271-1527

Doc 1617

Respectfully submitted,



Kurt Rauschenbach, Ph.D.  
Attorney for Applicant  
Rauschenbach Patent Law Group, LLC  
Post Office Box 387  
Bedford, MA 01730